

REMARKS

This application has been reviewed in light of the Office Action dated April 30, 2007. Claims 69-80 and 82 are presented for examination, of which Claims 69 and 75 are in independent form. Claims 69, 71, 72, 75, 77 and 78 have been amended to define still more clearly what Applicants regard as their invention. Claims 73 and 79 have been amended as to matters of form; no change in scope is intended or deemed effected by at least these changes. Favorable reconsideration is requested.

The specification has been amended to conform the Summary of Invention section to the amended claims.

Claims 69-80 and 82 were rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,872,571 (Narushima) in view of Japanese Patent Application Laid Open No. 07-076155 (Nabeta).

Applicants respectfully submit that the claims of this application are patentable over the cited prior art for at least the reasons set forth in the February 9, 2007 Amendment, and incorporate by reference herein the arguments made in that Amendment.

In addition, as shown above, Applicants have amended independent Claims 69 and 75 in terms that more clearly define what they regard as their invention. Applicants submit that these amended independent claims, together with the remaining claims dependent thereon, are patentably distinct from the cited prior art for at least the following reasons.

Claim 69 is directed to a television broadcasting data receiving apparatus, including: (1) a receiving unit adapted to receive television broadcasting data which includes image data of a broadcasting program, printing data related to the broadcasting program, and

print additional information indicating an attribute of the printing data; (2) a print controlling unit adapted to output the printing data included in the television broadcast data received by the received unit to a printing apparatus; (3) an acquiring unit adapted to extract the print attribute information from the television broadcasting data received by the receiving unit; and (4) a display control unit adapted to generate display data on the basis of the print additional information acquired by said acquiring unit and output, to a display device, the display data together with the image data included in the television broadcasting data received by the receiving unit. The print controlling unit does not output the print additional information acquired by the acquiring unit to the printing apparatus.

By virtue of the structure recited in Claim 69,¹ a television broadcasting data receiving apparatus is arranged to output printing data included in received television broadcasting data to a printing apparatus and extract print additional information from the received television broadcasting data to generate display data on the basis of the extracted print additional information, and output the generated display data to a display apparatus. The extracted print additional information is not output to the printing apparatus. That is, the print additional information of the present invention is not data to be printed by the printing apparatus but data to be used for generation of the display data to be displayed by the display apparatus. Accordingly, a user can view an attribute of the printing data before printing the printing data, since the print additional information included in the received television broadcasting data is displayed.

^{1/} It is to be understood, of course, that the claim scope is not limited by the details of the described embodiments, which are referred to only to facilitate explanation.

Narushima does not teach or suggest all of these features and, from the Office Action, it is understood that the Examiner does not disagree. The Office Action asserts on pages 2-3 that the service information and character information discussed in Narushima corresponds to the “print additional information” of Claim 69. Applicants respectfully disagree.

The Office Action states on page 3 that the “information transmitted from the STB 30 to the printer 32 through the second signal transmission means includes service information and character information (print additional information)(see column 26, lines 25-40).” However, the character information of Nabushima corresponds to "printing data" of Claim 69, if anything, not “print additional information”, which is the data to be used for generating display data to be displayed by a display apparatus. The service information of Narushima also does not constitute “print additional information.” Narushima discusses that service information “may include EPG (Electronic Program Guide) information and detailed program information as well as other pieces of information” (column 10, lines 54-56). Nothing in Narushima teaches or suggests that the service information (or character information) includes information “indicating an attribute of the printing data,” as recited in Claim 69. Moreover, as acknowledged in the Office Action, both the character information and service information discussed in Narushima are output to the printer, whereas the “print additional information” of Claim 69 is not output to the printer.

Thus, Applicants have found nothing in Narushima that would teach or suggest “a receiving unit adapted to receive television broadcasting data which includes image data of a broadcasting program, printing data related to the broadcasting program, and print additional information indicating an attribute of the printing data” or “a print controlling unit adapted to

output the printing data included in the television broadcast data received by said received unit to a printing apparatus..., wherein said print controlling unit does not output the print additional information acquired by said acquiring unit to the printing apparatus,” as recited in Claim 69.

It follows, therefore, that Narushima fails to teach or suggest “an acquiring unit adapted to extract the print attribute information from the television broadcasting data received by said receiving unit” and “a display control unit adapted to generate display data on the basis of the print additional information acquired by said acquiring unit and output, to a display device, the display data together with the image data included in the television broadcasting data received by said receiving unit,” as recited in Claim 69.

Nabeta does not remedy the deficiencies of Narushima. Nabeta relates to an arrangement that uses information for specifying a transmission period of time of the print data and a display controlling unit displays a print execution time of print data on the basis of the transmission period (abstract and paragraphs [0005], [0006] and [0015]). However, such print execution time information is not information which is included in a television broadcasting data to be broadcasted from a broadcasting station. Applicants have found nothing in Nabeta that would teach the features of Claim 69 discussed above.

Accordingly, Applicants submit that Claim 69 is patentable over Narushima and Nabeta, whether considered separately or in any permissible combination (if any).

A review of the other art of record has failed to reveal anything which, in Applicants’ opinion, would remedy the deficiencies of the art discussed above, as a reference against Claim 69.

Independent Claim 75 is method claim corresponding to apparatus Claim 69 and

is believed to be patentable the cited prior art for at least the same reasons as discussed above in connection with Claim 69.

The other claims in this application are each dependent from one or another of the independent claims discussed above and are therefore believed patentable for the same reasons. Since each dependent claim is also deemed to define an additional aspect of the invention, however, the individual reconsideration of the patentability of each on its own merits is respectfully requested.

In view of the foregoing amendments and remarks, Applicants respectfully request favorable reconsideration and early passage to issue of the present application.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our below listed address.

Respectfully submitted,

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